

NATURAL HISTORY MISCELLANEA

Published by

The Chicago Academy of Sciences

Lincoln Park - 2001 N. Clark St., Chicago 14, Illinois

No. 129

February 10, 1954

Observations on Mammals in Southeastern Arizona

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Long-nosed bats, *Leptonycteris nivalis nivalis* (Saussure), are known to have a summer nursery colony in a horse barn in Miller Canyon, Huachuca Mountains, Cochise County, Arizona. To determine if these bats, or other bats, were present in winter, the barn was visited in December, 1952. No live bats were found, but the perfectly mummified remains of a long-nosed bat was hanging on a wire from a rafter. Closer examination showed that the wire was the flattened loop from a bale of hay and the wire had been fastened to a rafter near the center of the barn for later use. The compressed loop, nearly four feet long, hung like

from the rafter, with the two vertical parts of the wire being only a quarter of an inch apart. It seems obvious that during the summertime, subadult long-nosed bat flew into the wire at a place where its head, but not the shoulders, fit between the two vertical strands. Continued flapping forced the bat toward the bottom of the "U", and since the wires became increasingly closer together, the bat was strangled within an inch of the bottom.

In studying and collecting mammals in Arizona, three pocket gophers, *Thomomys bottae*, were taken in a rather unusual fashion and place: on the surface of the ground in museum-special mouse traps. Two were taken in the Graham Mountains and one in the Huachuca Mountains. All were subadults. One was taken in a runway of *Microtus longicaudus*, one near an open hole, and still another where no gopher-holes or mounds were evident anywhere nearby. In each instance, it rained exceedingly hard during the night on which they were trapped. In the past I have assumed that the infrequent activities of pocket gophers on the surface of the ground were correlated with forced emigration due to population pressure or because of sexual activities. In these three cases, I suspect that young gophers did not have well developed burrow systems, that the water from heavy rains must have forced them out of their burrows, and the^v were seeking shelter in other places. Museum

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